

Window

"B4"

Patent number: DE3347028
Publication date: 1985-07-04
Inventor: HIRT KLAUS DIPL ING (DE)
Applicant: GRESCHBACH IND GMBH & CO (DE)
Classification:
- international: E06B7/10
- european: E06B7/10, F24J2/04B6
Application number: DE19833347028 19831224
Priority number(s): DE19833347028 19831224

Abstract of DE3347028

With the invention it is proposed, in a window, to design the hollow frame (1) of outer frame and/or window frame as a heat exchanger/ventilator. To this end, the hollow frame (1) is divided by means of a for the most part good heat-conducting intermediate wall (8) into an outgoing-air duct (9) and a fresh-air duct (10). The warm outgoing air is drawn in through an inlet opening (3) by a fan (13) and, after passing through the outgoing-air duct (9), is blown into the open through an outlet opening (4). The cold fresh air is guided in a corresponding manner in countercurrent through the fresh-air duct (10). A heat exchange takes place between the two air flows so that only prewarmed fresh air passes into the interior of the room. The window provided makes possible an economical forced ventilation, which can be retrofitted without problems, with heat recovery and renders superfluous additional ventilators.

